
SEMINAR

Millimeter-wave Antennas for Satellite and Mobile Applications

Speaker: **Dr. Giandomenico Amendola**
(*University of Calabria, Rende, Italy*)

Date: 27 October 2016 @ 11:00 AM

Location: Room A204 – Polo Scientifico F. Ferrari – Povo

Note: The seminar will be held in English

Contact: Prof. Giacomo Oliveri (giacomo.oliveri@unitn.it)



In the last few years, the Microwave group at the Università della Calabria has developed an intense research activity on integrated active antennas for Satellite and Mobile applications also through the participation in various national and European projects.

The seminar will be aimed at presenting the main results of these activities with specific attention to the design of integrated front-end and therefore to the development of SiGe integrated circuits, advanced integration techniques, and phased array radiators. The seminar will also review some recent developments on antennas for automotive radar applications and for compact transportable satellite terminals (manpack).

• **About the Speaker**

Prof. Giandomenico Amendola received the Electrical Engineering degree from the University of Calabria, Rende, Italy, in 1987. He was a Research Fellow with the Proton Synchrotron Division, European Center for Nuclear Research, Geneva, Switzerland, from 1988 to 1992. He is currently with the Department of Informatics, Modeling, Electronics and System Engineering, University of Calabria, as an Associate Professor.

His current research interests include antennas, phased arrays, and microwave and millimeter-wave circuits.